

FY04 DON Pilot Project Summary

Project Name: Collaborative Energy Conservation & Fuel Status Board (#1335)

Command: NAVSEA & COMTHIRDFLT

Functional Area Manager (FAM): Logistics

Pilot Summary:

This pilot automates the creation of ship's fuel consumption curves and Battle Group fuel status for the non-nuclear surface fleet. NAVSEA and COMTHIRDFLT have jointly developed this project concept. Successful execution of this pilot will significantly reduce Fleet fuel consumption through improved energy conservation awareness, propulsion plant optimization, and automation of Fleet fuel status reporting.

Business Value Added:

- Derives increased capability from existing Navy systems (CAS - communications pipe & ICAS - automated data collection)
- Capability to transmit propulsion plant operating information ashore for analysis
- Provides timely remedial recommendations to operators, potentially improving equipment reliability & reducing downtime
- Reduces man-hours expended to track Fleet fuel status
- Eliminates multiple applications currently used to manage fuel status for ARG/ESGs
- Improves quality & timeliness of fuel status information

Other Considerations:

- Pilot concept developed through a previous DON eBusiness Office ENCON consulting engagement conducted for NAVSEA
- Good potential for savings – actually touches the Fleet
- Significant amount of historical (baseline) fuel usage data exists for comparison
- Combined with Fuel Status Tool submission from COMTHIRDFLT (#1360)

Pilot Participants:

- NAVSEA (SEA 05Z1)
- COMTHIRDFLT

Targeted Users:

- CHENGs, Main Propulsion Assistants, Fuel Kings
- Battle Group Commanders & COs
- Shore-based Maintenance Engineers